

IN THE CLAIMS:

The following is a complete listing of the claims, and replaces all earlier version and listings.

1. (currently amended): An image processing apparatus for performing print simulation through a computer network, comprising:

a device selector, arranged to select a color printer on the network as a print simulation target, and to select another color printer on the network which is used to output a simulation result of the target printer, wherein the image processing apparatus and the simulation output printer are present at a single site, the target printer is present at another site, and the two sites are connected through the network;

a profile selector, arranged to select a profile required for a color matching process of the print simulation through the network, and to set the selected profile in the target printer;

a first transmitter, arranged to transmit image data on which ~~[[is]]~~ are to be performed a color matching process and a rasterizing process to the target printer, wherein the target printer performs the color matching process according to the selected profile on received image data, and rasterizes the image data on which the color matching process has been performed;

a receiver, arranged to receive ~~[[the]]~~ rasterized image data ~~on which the color matching process has been performed according to the selected profile~~ from the target printer; and

a second transmitter, arranged to transmit the received rasterized image data to the simulation output printer so as to print an image that simulates color of an image which the target printer will print.

2. (canceled).

3. (previously presented): The apparatus according to claim 1, wherein the profile is acquired by searching a profile database connected to the target printer, and a profile database present at the same site as the image processing apparatus in turn.

4. (previously presented): The apparatus according to claim 1, wherein the profile is acquired by searching a profile database connected to the target printer, a profile database present at the same site as the target printer, and a profile database present at the same site as the image processing apparatus in turn.

5. (currently amended): The apparatus according to claim 1, further comprising a designator arranged to designate a data format of the image data to be received, which has performed the color matching process and the rasterizing process, and wherein said second transmitter informs the target printer of the designated data format.

6. (previously presented): The apparatus according to claim 5, wherein the target printer rasterizes the image data that has performed the color matching process to

bitmap data, converts the rasterized bitmap data to image data of the designated data format, and transmits the converted image data to the image processing apparatus.

7. (withdrawn): An image processing apparatus for performing print simulation through a computer network, comprising:

a device selector, arranged to select a color printer on the network as a print simulation target, and to select another color printer on the network which is used to output a simulation result of the target printer;

a profile selector, arranged to select a profile required for a color matching process of the print simulation through the network, and to designate a server of a site where the target printer is present to use the selected profile;

a first transmitter, arranged to transmit image data on which is to be performed a color matching process to the server;

a receiver, arranged to receive the image data on which the color matching process has been performed according to the selected profile from the server; and

a second transmitter, arranged to transmit the received image data to the simulation output printer so as to print an image that simulates color of an image which the target printer will print.

8. (withdrawn): The apparatus according to claim 7, further comprising a designator arranged to designate a data format of the image data to be received, which has performed the color matching process, and wherein said second transmitter informs the target printer of the designated data format.

9. (withdrawn): The apparatus according to claim 8, wherein the server transmits the image data that has preformed the color matching process to the target printer, and receives image data of the designated data format from the target printer.

10. (withdrawn): The apparatus according to claim 9, wherein the target printer rasterizes the image data received from the server into bitmap data, converts the rasterized bitmap data to image data of the designated data format, and transmits the converted image data to the server.

11. (withdrawn): An image processing apparatus for performing a preview process through a computer network, comprising:

a device selector, arranged to select a color printer on the network as a preview target, and to select a color monitor on the network which is used to display a preview image;

a profile selector, arranged to select a profile required for a color matching process of the preview image through the network, and to set the selected profile in the target printer;

a first transmitter, arranged to transmit image data on which is to be performed a color matching process to the target printer;

a receiver, arranged to receive the image data on which the color matching process has been performed according to the selected profile from the target printer; and

a second transmitter, arranged to transmit the received image data to the preview display monitor so as to display an image that simulates color of an image which the target printer will print.

12. (withdrawn): An image processing apparatus for performing a preview process through a computer network, comprising:

a device selector, arranged to select a color printer on the network as a preview target, and to select a color monitor on the network which is used to display a preview image;

a profile selector, arranged to select a profile required for a color matching process of the preview image through the network, and to designate a server of a site where the target printer is present to use the selected profile;

a first transmitter, arranged to transmit image data on which is to be performed a color matching process to the server;

a receiver, arranged to receive the image data on which the color matching process has been performed according to the selected profile from the server; and

a second transmitter, arranged to transmit the received image data to the preview display monitor so as to display an image that simulates color of an image which the target printer will print.

13. (currently amended): A method of control an image processing apparatus for performing print simulation through a computer network, comprising the steps of:

selecting a color printer on the network as a print simulation target, and selecting another color printer on the network which is used to output a simulation result of the target printer, wherein the image processing apparatus and the simulation output printer are present at a single site, the target printer is present at another site, and the two sites are connected through the network;

selecting a profile required for a color matching process of the print simulation through the network;

setting the selected profile in the target printer;

transmitting image data, on which [[is]] are to be performed a color matching process and a rasterizing process, to the target printer, wherein the target printer performs the color matching process according to the selected profile on received image data, and rasterizes the image data on which the color matching process has been performed;

receiving [[the]] rasterized image data on which the color matching process has been performed according to the selected profile from the target printer; and

transmitting the received rasterized image data to the simulation output printer so as to print an image that simulates color of an image which the target printer will print.

14. (withdrawn): A method of controlling an image processing apparatus for performing print simulation through a computer network, comprising the steps of:

selecting a color printer on the network as a print simulation target, and  
selecting another color printer on the network which is used to output a simulation result of  
the target printer;

selecting a profile required for a color matching process of the print  
simulation through the network;

designating a server of a site where the target printer is present to use the  
selected profile;

transmitting image data on which is to be performed a color matching  
process to the server;

receiving the image data on which the color matching process has been  
performed according to the selected profile from the server; and

transmitting the received image data to the simulation output printer so as to  
print an image that simulates color of an image which the target printer will print.

15. (withdrawn): A method of controlling an image processing  
apparatus for performing a preview process through a computer network, comprising the  
steps of:

selecting a color printer on the network as a preview target, and selecting a  
color monitor on the network which is used to display a preview image;

selecting a profile required for a color matching process of the preview  
image through the network;

setting the selected profile in the target printer;

transmitting image data on which is to be performed a color matching process to the target printer;

receiving the image data on which the color matching process has been performed according to the selected profile from the target printer; and

transmitting the received image data to the preview display monitor so as to display an image that simulates color of an image which the target printer will print.

16. (withdrawn): A method of controlling an image processing apparatus for performing a preview process through a computer network, comprising the steps of:

selecting a color printer on the network as a preview target, and selecting a color monitor on the network which is used to display a preview image;

selecting a profile required for a color matching process of the preview image through the network;

designating a server of a site where the target printer is present to use the selected profile;

transmitting image data on which is to be performed a color matching process to the server;

receiving the image data on which the color matching process has been performed according to the selected profile from the server; and

transmitting the received image data to the preview display monitor so as to display an image that simulates color of an image which the target printer will print.